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GK

(K)

SAPC-22871
Copy 1 of 7

DK DK

File A-101

MEMORANDUM FOR: Project Director

DEC 8 1957

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ATTENTION : [REDACTED]

SUBJECT : "F" Rack

1. During the visit here of the two Ramo-Wooldridge engineers, the "F" Rack readout equipment was examined in detail. The equipment furnished to Headquarters suffered from two basic faults:

a. At high input noise levels it is not possible to zero the DC amplifiers which drive the readout pen motors.

b. "Cross talk" between the 10 second and 1 minute timing mark amplifiers does not allow suitable presentation of these two signals on the readout chart.

c. Lack of any reference marks on the amplifier gain controls complicates using the rack and adds greatly to setup time.

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2. The substance of these conclusions, which make it impossible to use the "F" Rack in its present form, have been relayed to R-W verbally both by the undersigned and by [REDACTED] the R-W engineer who examined the equipment.

3. The "F" Rack should not be accepted for project use until these faults have been cleared up.

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[REDACTED]

Acting ELINT Staff Officer

Distribution:

Copy 1 & 2 - fwd
3 - [REDACTED]
4 - [REDACTED]
5 & 6 - ESO
7 - Project Chron

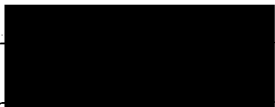

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Contract 716

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Remarks: <p>Jan — in view of work already done on this + simplicity of mod, this looks OK. Recommend it be done.</p> <p style="text-align: right;"><i>[Signature]</i></p>			
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